

SEPARATOR FOR ALKALINE BATTERY

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Abstract of JP11297294

PROBLEM TO BE SOLVED: To provide a thin separator for an alkaline battery enabling charging or discharging for a long period. **SOLUTION:** This separator for an alkaline battery is composed of sulfonated non-woven fabric formed by mixing easily-sulfonatable fibers with polyolefinic fibers. The ratio (A/B) of a ratio (A) of the number of sulfur atoms to the number of carbon atoms in a surface layer of the fibers (easily-sulfonatable fibers and polyolefinic fibers), measured by a X-ray photoelectric spectrometry, to a ratio (B) of the number of sulfur atoms to the number of carbon atoms in the whole of the fibers (easily-sulfonatable fibers and polyolefinic fibers), measured by a flask combustion method, is set to be 10-50.

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